



SPECIFICATIONS

2005 SALEEN S7

GENERAL

Curb weight	2950 lb (1338 kg)
Weight distribution, F/R	40% / 60%
Fuel capacity	19.0 U.S. gal. (72 liters)
Wheelbase	106.30 in. (2700 mm)
Track, F/R	68.82 in. (1748 mm) / 67.32 in. (1710 mm)
Width	78.35 in. (1990 mm)
Front overhang	40.59 in. (1031 mm)
Rear overhang	41.14 in. (1045 mm)
Length	187.95 in. (4774 mm)
Height	40.98 in. (1041 mm)
Ground clearance	4.00 in. (102 mm)
Trunk space, F/R	2.65 cu ft (76 liters) / 2.82 cu ft (79 liters)

CHASSIS

	4130 lightweight steel space frame with honeycomb composite panels
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ENGINE

Type	All-aluminum V8, 2-valve, cam-in-block
Displacement	7.0 liters
Bore and stroke	4.120 x 4.00 in. (104.6 x 101.6 mm)
Compression ratio	11.0:1
Pistons	Forged aluminum
Connecting rods	4340 forged billet steel
Crankshaft	4340 forged billet steel
Induction system	Air enters a roof intake, passes through a 90-mm mass air meter, feeding a carbon fiber plenum; from the plenum, air is routed to two twin-ball-bearing turbos, passes through an oval bore-throttle body into an aluminum intake manifold with eight individual runners
Cylinder heads	CNC machined, all-aluminum, Saleen high-flow
Valves	Stainless steel with titanium retainers; Intake: 2.125 in. (54.0 mm); Exhaust: 1.625 in. (41.3 mm); beryllium exhaust seats
Valve train	Solid lifter/roller rocker
Exhaust system	Stainless steel high flow with merge collector incorporating dual catalyts per cylinder bank and EGR system; two twin-ball-bearing turbos with 44-mm wastegates
Required fuel	91 octane
Alternator	140 amps
Battery	12 volts
Front Engine Accessory Drive (FEAD)	Compact drive system with side-mounted water pump
Emission control system	OBD-II compliant; dual, heated oxygen sensors per bank; high-volume EVAP system
Fuel system	High-capacity returnless with 52 lb/hr injectors
Oil system	High-vacuum dry sump configuration; Capacity: 12.6 qt (12.0 liters); aluminum oil tank
Horsepower	750 bhp @ 6300 rpm
Torque	700 lb-ft @ 4800 RPM
Redline	6500 rpm

COOLING SYSTEM

Carbon fiber front intake, feeding twin, front-mounted aluminum water radiators with ECU-controlled electric cooling fans; oil-to-water heat exchanger

ELECTRONICS

Saleen PowerFlash control system computer Integrated coil-on-plug ignition system

DRIVETRAIN

Transmission: Longitudinal, 6-speed, all synchromesh transaxle

Transmission Ratios

1st	2.86:1
2nd	1.61:1
3rd	1.14:1
4th	0.96:1
5th	0.81:1
6th	0.64:1

Final-drive ratio 3.70:1

Limited-slip differential

Light-weight inboard and outboard tri-pod joints

High torque capacity steel halfshafts

Clutch: organic/metallic 8.0-in. twin disc; hydraulic actuation

SUSPENSION

Front suspension system: Unequal-length double wishbones, lightweight aluminum dampers with coil-over springs, stabilizer (anti-roll) bar

CNC machined, billet aluminum, flow-through uprights

Rear suspension system: Unequal length double wishbones, light-weight aluminum dampers with coil-over springs, stabilizer (anti-roll) bar

CNC machined, billet aluminum, flow-through uprights

BRAKES

Saleen-engineered/Brembo-supplied lightweight aluminum, six-piston mono-block calipers front/rear:

15.0 in. ventilated discs (Front)

14.0 in. ventilated discs (Rear)

Lightweight aluminum disc mounting bells

WHEELS AND TIRES

Saleen forged alloy wheels

Center locking wheel nuts with automatic safety locks:

Front: 19 in. x 9.5 in.

Rear: 20 in. x 12.0 in.

High-performance Michelin Pilot Sport PS2

Front 275/35ZR19

Rear 345/30ZR20

SAFETY FEATURES

Integrated roll protection
Aluminum honeycomb impact absorbing panels
3-point seat belts with automatic seat belt pre-tensioners
Carbon fiber rocker panels and doors
Aluminum honeycomb front crush structure, integrated rear crumple zones
Center-position fuel tank, passenger-side filler

INTERIOR FEATURES

SEATING AND TRIM

Black multi-tone leather/suede
Tan multi-tone leather/suede
Aluminum and color accents
Performance sport seating
Custom-fitted driver seating position
Leather-wrapped steering wheel

COMFORT AND CONVENIENCE

High-volume flow-through ventilation system
Air conditioning
Rearview video camera with interior LCD display
240-mph speedometer
Central-mounted tachometer
Fully adjustable tilt and telescoping steering column
Power windows
Power door locks with central locking system
Keyless remote for doors and front and rear trunks
Variable intermittent windshield wipers
Electric heated front windshield
Custom-made fitted luggage
Remote engine hatch/fuel-filler door releases
AM/FM/CD/DVD/TV systems

EXTERIOR FEATURES

Dual, power-operated door mirrors
Projector beam headlights
Heat-rejecting tinted glass
Autoclave carbon fiber body panels
Advanced wind-tunnel-developed aerodynamics including, integrated split-channel air flow throughout car; full underside aerodynamics; advanced-design front tray and side skirts; integrated full-body-width rear spoiler

AVAILABLE FEATURES

Polished wheels
Navigation system

All specifications are preliminary and subject to change without notice.
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